



Entrez

PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

Book

Search Protein

for

Limits

Preview/Index

History

Go Clear

Clipboard

Details

Display

default

Show:

20

Send to

File

Get Subsequence

Features

BLINK, Domains, Links

1: AAD13191. NAD-dependent DNA...[gi:4235376]

LOCUS AAD13191 546 aa linear BCT 08-FEB-1999
 DEFINITION NAD-dependent DNA ligase [Thermus filiformis].

ACCESSION AAD13191

VERSION AAD13191.1 GI:4235376

Tok4A2

DBSOURCE locus AF092865 accession AF092865.1

KEYWORDS

SOURCE Thermus filiformis

ORGANISM Thermus filiformis

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 546)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 546)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES Location/Qualifiers

source 1..546

/organism="Thermus filiformis"

/strain="Tok4A2" #17

/db_xref="taxon:276"

Protein <1..>546

/product="NAD-dependent DNA ligase"

CDS 1..546

/coded_by="AF092865.1:<1..>1638"

/transl_table=11

ORIGIN

```

 1 dspteqvgar pleptfrpvr hptrmysldn aftyeevlaf eerldralgr krpflytveh
 61 kvdglsvnly yeegvlvfga trgdxxxxxx xxxxxxxxipt iprrlkgvpd rlevrgevym
121 pieafirlne eleergekvf knprnaaags lrqkdprvta krglratfy a lglgleesgl ?
181 ksqyelllw1 kekgfpvehg yekalgaevv eevyqaxxxk rhalpfeadg vvvkmddltl
241 wgelgytara prfaiaykfp aeenetrlld vdfqvgrtgr vtpvgilepv flegsevsrv
301 tlhnesyiee ldirigdwvl vhkaggvipe vlrvlker rt geerpirwpe tcpecghrll
361 kegkvhrccpn plcpakrfea irhfpsrkam diqglgekli erllekglvk dvadlyrlrk
421 edlvglermg eksaqnllrq ieeskrrgle rlyalglpg vgevlarnla arfgnmdrll
481 easleellev eevgeltara iletlkdpaf rdlvrrlkea gvemeakekg gealkgltfv
541 itgels
  //
```